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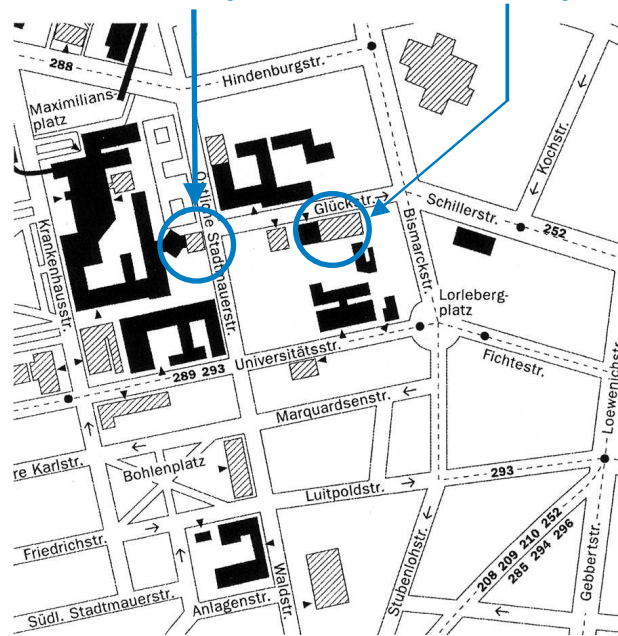
Certified by the "Bayerische Landesärztekammer"
with 17 CME credits

Information



Großer Hörsaal - Innere Medizin
Östliche Stadtmauerstr. 11
D-91054 Erlangen

Nikolaus-Fiebiger-Center
Glückstr. 6
D-91054 Erlangen



Registration:

Please use for registration our online form.

Registration Fees: Students: 30 €
All others: 80 €

Congress Party: 25 €

For further information visit:

www.lymphozyten.de/symposium

Organizing Secretary:

Elisabeth Lang
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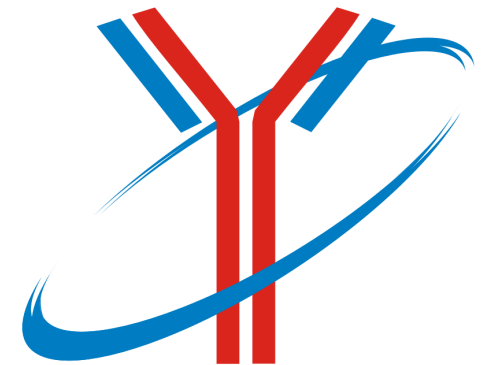
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The Doctoral Research Training Programs
GK 592, FOR832, GK1071, GK/SFB643 & GK1660

present
the

3RD INTERNATIONAL GK SYMPOSIUM

REGULATORS OF ADAPTIVE IMMUNITY



ERLANGEN
OCTOBER 15-17
2010

Universitätsklinikum
Erlangen



Friedrich-Alexander-Universität
Erlangen-Nürnberg



Regulators of Adaptive Immunity



The 3rd International GK Symposium "Regulators of Adaptive Immunity" will address recent advances in B and T cell biology as well as new findings regarding the development of autoimmune diseases and antiviral responses. The symposium will also provide a communication platform for doctoral students from various Erlanger training and research programs and renowned experts in the field of immunology.

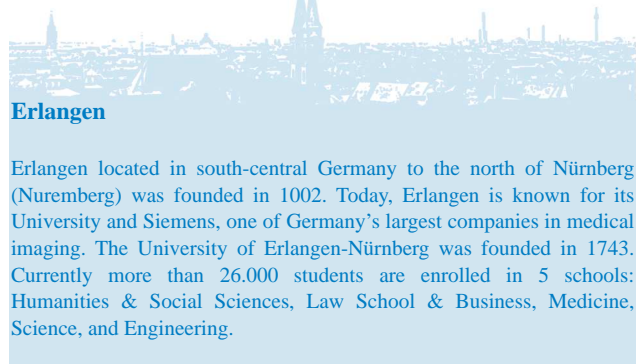
This symposium is organized by the graduate students from the doctoral training programs GK592, GK/SFB643 and GK1071 as well as the research project grant FOR832. The so-called Graduiertenkollegs (GK) and the Forschergruppe (FOR) are supported in part by the Deutsche Forschungsgemeinschaft (DFG) and the State of Bavaria and provide doctoral students with a structured educational and research program.

The series of the Symposium on Regulators of Adaptive Immunity was initiated by former PhD students of the doctoral training program GK592. The program, which ended in 2009, focused on the development, activation and deviation of lymphocytes. A new pilot program entitled "Key signals of adaptive immune response" (GK1660) has been positively evaluated and funded by the German Research Community (DFG).

The training program GK/SFB 643 was established in July 2008. The group consists currently of 34 PhD and six medical students. The training group is integrated in the research project group SFB 643 "Strategies of cellular immune intervention", whose research topics extend from basic science and animal models for immune interventions to patient care.

The training program GK1071 "Viruses of the Immune System" was established in 2005 and runs until 2013. Research topics cover AIDS pathogenesis, viral oncogenesis as well as therapy and prophylaxis of viral infections. Currently, 18 students are in the second or third year of their PhD projects and new students will be recruited by the end of 2010.

The project grant FOR832 "Regulators of humoral immunity" was established in February 2007 and funding is provided until 2013. Currently there are nine PhD students in eight laboratories investigating antibody repertoire formation, B cell maturation, signaling and antibody-mediated autoimmunity.



Erlangen

Erlangen located in south-central Germany to the north of Nürnberg (Nuremberg) was founded in 1002. Today, Erlangen is known for its University and Siemens, one of Germany's largest companies in medical imaging. The University of Erlangen-Nürnberg was founded in 1743. Currently more than 26.000 students are enrolled in 5 schools: Humanities & Social Sciences, Law School & Business, Medicine, Science, and Engineering.

Program



Friday • 15th October 2010

14.30 Registration

16.00 Welcome Address

Hans-Martin Jäck

Session 1

Chairs: *Hanne Schoenen & Lars Nitschke*

16.15 High throughput analyses of chromosomal translocation mechanisms in B lymphocytes

Fred Alt • Boston • USA

16.55 Role of AID in vaccination

Tasuku Honjo • Kyoto • Japan

17.35 Break

Session 2

Chairs: *Rebecca Winkelmann & Thomas Winkler*

18.00 Targeting of the RAG proteins during V(D)J recombination

David Schatz • New Haven • USA

18.40 Retroelements in autoimmunity

Matthias Wabl • San Francisco • USA

19.20 Break

20.00 Speakers' Dinner

Saturday • 16th October 2010

08.00 Registration

Session 3

Chairs: *Astrid Karbach & Georg Fey*

09.00 The genome of B-cell lymphoma

Riccardo Dalla-Favera • New York • USA

09.40 Natural killer cells in viral immunity

Lewis Lanier • San Francisco • USA

10.20 A rational approach to vaccines against highly mutable pathogens via broadly reactive antibodies

Dennis Burton • San Diego • USA

11.00 Coffee Break

Session 4

Chairs: *Sarah Jill de Jong & Andreas Mackensen*

11.30 Bypassing tolerance to obtain high avidity T cells for TCR gene therapy

Dolores Schendel • Munich • Germany

12.10 Dendritic cells in cancer and cancer therapy

Carl Figdor • Nijmegen • Netherlands

12.50 Lunch

Session 5

Chairs: *Pia Rücker & Jutta Eichler*

14.00 The APOBEC3 cytidine deaminases: an intriguing link between innate and humoral immunity?

Warner Greene • San Francisco • USA

Program



14.40 Helper and effector functions of TH17 cells

Vijay Kuchroo • Boston • USA

15.20 Coffee Break

Session 6

Chairs: *Christian Hofmann & Diana Dudziak*

15.40 Probing central and peripheral immune function using dynamic intravital 2-photon imaging

Ronald N. Germain • Bethesda • USA

16.20 Micro- and Macro-immunology: from T cell recognition to human immunology

Mark Davis • Stanford • USA

17.00 Poster Session (only for speakers and organizing research groups)

Nikolaus-Fiebiger-Center for Molecular Medicine

20.00 Congress Party (for all participants)

Student League "Bubenreuther"

Sunday • 17th October 2010

Session 7

Chairs: *Ingrid Obermeier & Falk Nimmerjahn*

09.20 Immune system highjacking by lymphoid malignancies

Louis Staudt • Bethesda • USA

10.00 Lipid cues regulate lymphocyte migration and the antibody response

Jason Cyster • San Francisco • USA

10.40 Coffee Break

Session 8

Chairs: *Kathrin Meinhardt & Evelyn Ullrich*

11.10 Adventures in viral immunology

Jonathan W. Yewdell • Bethesda • USA

11.50 Host-microbe interactions in B cell development in GALT

Katherine Knight • Chicago • USA

12.30 Critical molecules that influence DC-mediated autoimmunity

Pamela Ohashi • Toronto • USA

13.10 Lunch

Session 9

Chairs: *Sandra Schreiber & Susetta Finotto*

14.20 Evasion of host restrictions by HIV

Nathaniel Landau • New York • USA

15.00 Control of immune responses by regulatory T cells

Shimon Sakaguchi • Kyoto • Japan

15.40 Prevention of type 1 diabetes by T reg vaccination with an insulin mimetope

Harald von Böhmer • Boston • USA

16.20 Farewell

Chairs: *Rebecca Winkelmann & Brigitte Biesinger*

18.00 Goodbye Evening